Republic of the Philippines

PHILIPPINE ECONOMIC ZONE AUTHORITY

MEZ BIDS AND AWARDS COMMITTEE
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BID BULLETIN

19 September 2025

Clarification notice is hereby given to all prospective bidders for the project, **Installation of FK-5-1-12 Based Clean-Agent Fire Suppression System at MIS, EE and Command Center Room (Project No. 2025-007-R)** of the **ITEMS** in the **BILL OF QUANTITIES AND SCOPE OF WORKS** in the PBD:

BILL OF QUANTITIES

FROM	TO
50L TPED Seamless Cylinder To Be Filled With FK-5-1-12 Agent – 2 pc/s	TPED Cylinder Welded – cylinder sizing will be based on the manufacturer's software calculation recommendation.
80L TPED Seamless Cylinder To Be Filled With FK-5-1-12 Agent – 1 pc/s	
1.5" DISCHARGE VALVE – **3 pc/s**	1.5" DISCHARGE VALVE – **2 pc/s**
	1" DISCHARGE VALVE – **1 pc/s**
FK Pressure gauge with switch – **50B**	FK Pressure gauge – **25B**
FK Label For 1000L Cylinder	FK Label
FK-5-1-12 Agent (PER KG) – **52 kg**	FK-5-1-12 Agent (PER KG) - The required filling quantity of FK-5-1-12 agent per cylinder shall be determined based on the manufacturer's software design calculation.
FK-5-1-12 Agent (PER KG) – **42 kg**	
FK-5-1-12 Agent (PER KG) – **22 kg**	
Valve Outlet Adaptor **2" – 3 pc/s**	Valve Outlet Adaptor **1.5" – 2 pc/s**
	Valve Outlet Adaptor **1" – 1 pc/s**
FK Discharge Nozzle – **2" – 3 pc/s**	FK Discharge Nozzle – 1-1/4" – **1 pc/s**
	FK Discharge Nozzle – 3/4" – **1 pc/s**
	FK Discharge Nozzle – 1/2" – **1 pc/s**
Backup Battery, 12VDC, 7AH – **3 pc/s**	Backup Battery, 12VDC, 7AH – **6 pc/s**
AC Integration Module – **3 pc/s**	AC Integration Module – **2 pc/s**
Door Access Integration Module – **3 pc/s**	Door Access Integration Module – **1 pc/s**
Motorized Damper for auto-off shut-off AC **3 pc/s**	Motorized Damper for auto-off shut-off AC – **is hereby removed, item no longer required.**

SCOPE OF WORKS

FROM	TO
1.4.B Cylinder and Valve Assembly - The suppression agent must be contained within a **TPED seamless cylinder**, equipped with a **1.5" discharge valve** and a **pressure gauge with switch** to monitor cylinder pressure.	1.4.B Cylinder and Valve Assembly The suppression agent must be contained within a **TPED welded cylinder**, equipped with an **appropriate discharge valve** and a **pressure gauge** to monitor cylinder pressure.

1.4.F Discharge Nozzles and Agent Distribution - The system must include a **2-inch FK discharge nozzle** designed to evenly disperse the agent within the protected area.	1.4.F Discharge Nozzles and Agent Distribution - The system must include **an appropriate FK discharge nozzle** designed to evenly disperse the agent within the protected area.
1.5.B Agent Storage and Distribution - For preliminary verification, FK-5-1-12 **(NOVEC 1230)** agent typically requires:	1.5.B Agent Storage and Distribution - For preliminary verification, FK-5-1-12 agent typically requires:
1.5.E Fire Suppression Sequence - Ensure activation of **HVAC shutdown**, door release, and other fire safety mechanisms before discharge. 1.5.G Safety and Interlocks - Integrate the system with HVAC shutdown and dampers to prevent agent loss.	1.5.E Fire Suppression Sequence - Ensure activation of **air conditioning shutdown**, door release, and other fire safety mechanisms prior to discharge. 1.5.G Safety and Interlocks - is hereby removed from the Scope of Works — HVAC shutdown and damper integration is no longer required.
1.7.A FACP Specifications - **Type:** Conventional, **UL Listed, FM Approved.**	1.7.A FACP Specifications - **Type:** Conventional (minimum), **UL Listed, FM Approved.**
1.7.D FACP Specifications - **HVAC** shutdown relay	1.7.D FACP Specifications – **Air-conditioning** shutdown relay
1.10.B Contractor Qualifications: - No Entry -	**1.10.B Contractor Qualifications:** **PCAB License Requirement:** Specialty – Fire Protection Works (SP-FP), Minimum Size Range: Small B.

This Bid Bulletin is issued this 19 September 2025, for guidance and information of all concerned.

Very truly yours,

MR. ARNEL M. SUYU
MEZ BAC Chairperson